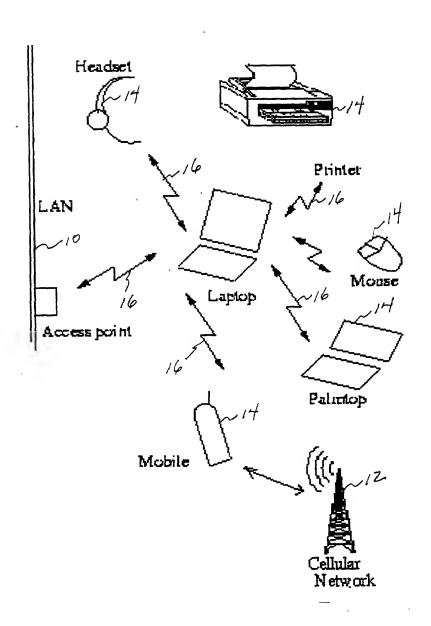
Express Mail No.: EL709116124US Applicants: Birnbaum, et al.

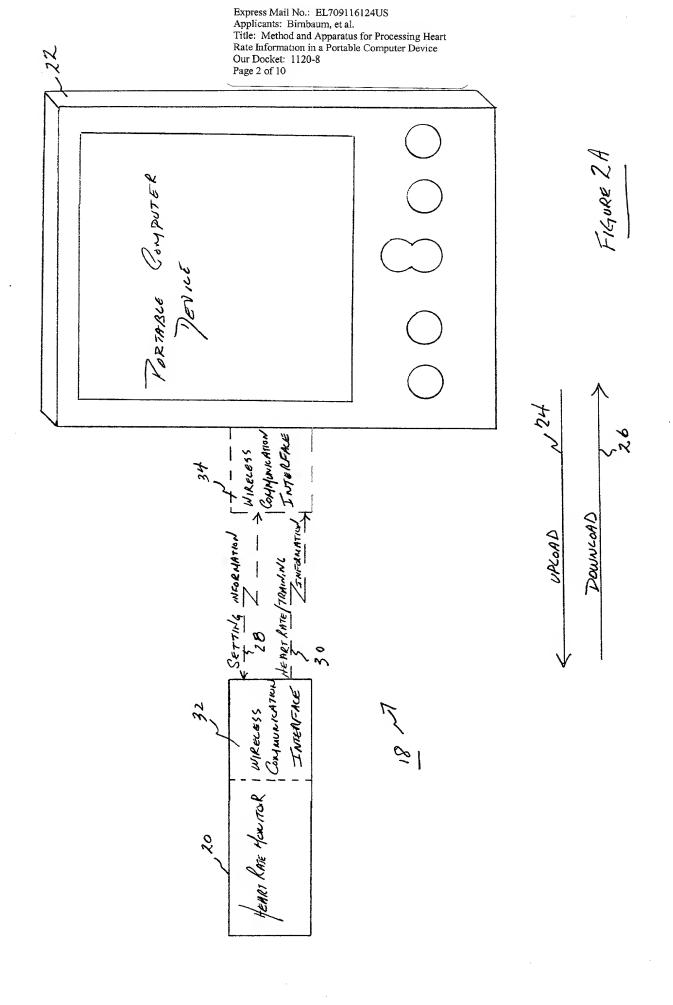
Title: Method and Apparatus for Processing Heart Rate Information in a Portable Computer Device

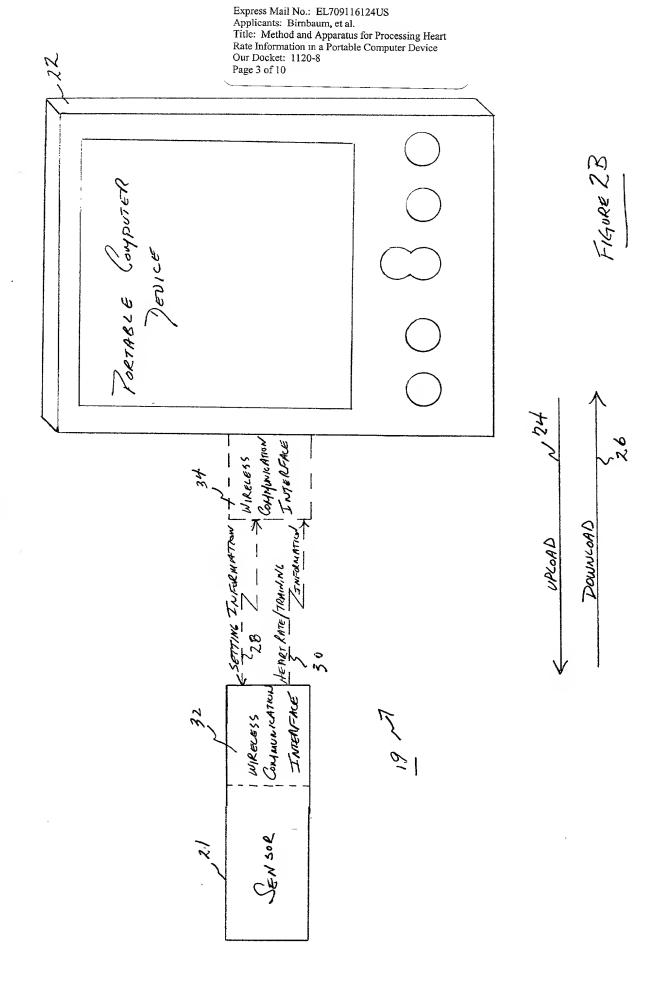
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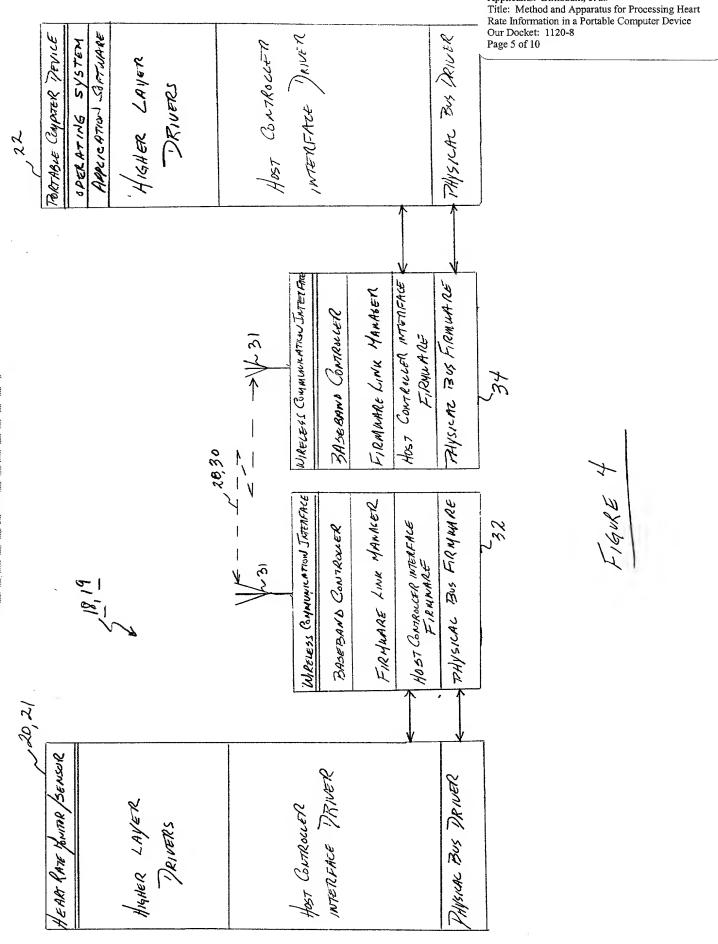


FIGURE! (PRIOR ART)





The first and the first tree than the first tree that the first tree the first tree that the first tree the first tree that the first tree the fir



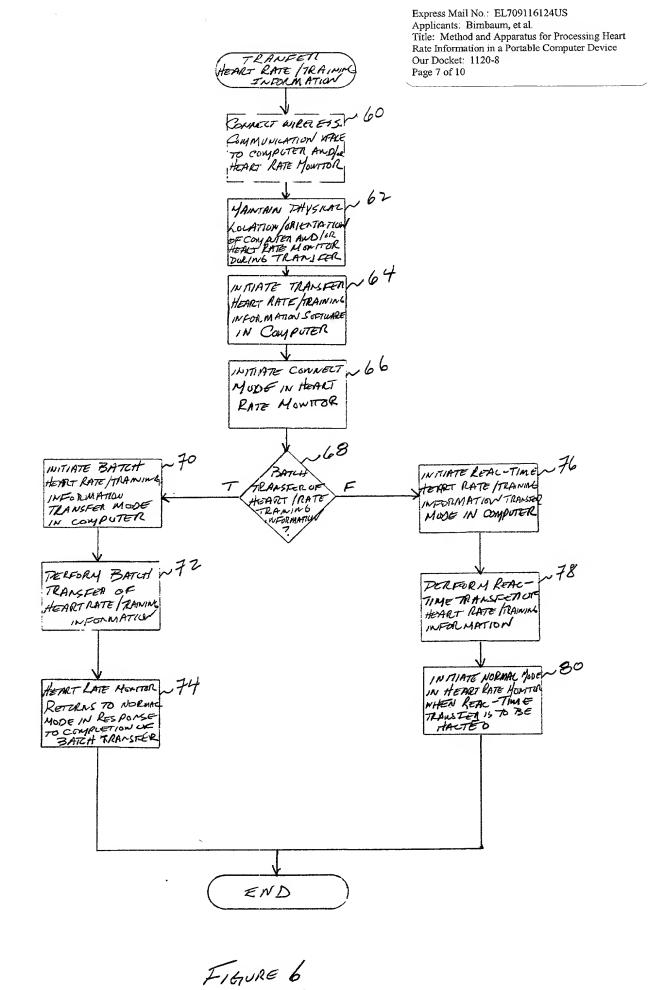
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Rate Information in a Portable Computer Device Our Docket: 1120-8 TRANSFER SETTING Page 6 of 10 INFORMATION CONNECT WIRELESS COMMUNICATION XFACE | TO COMPOTEL AND/OR HEART RATE MINITOR MAINTAIN PHYSKAC LOCATION/ORIENTATION OF COUPLIER ANDJOR HEART RATE MONITOR DURING TRANSFER INITIATE TRANSFER SETTING INFORMATION SOFTWARE IN COMPUTER INITIATE CONNECT MODE IN HEART RATE MONITOR ENTER SETTING NEZ ETTING INFORMATION AFTIL OBE SOUNCOADED INITIATE DOWNCOAD NEGRMATEL INTO COMPOTER SETTING INFORMATIO MODE IN COMPUTER INITIATE OPLOAD SETTING INFORMATION MODE IN COMPUTER DOWNLOAD .48 SETTING INFORMATION UPLOAD CETTING INFORMATION HEART PATE MONITOR RETURNS TO NORMAN MUDE IN RESPONSE TO COMPLETION OF DOWN COAD INITIATE NORMAL MODE IN HEART RATE MONITOR UPON COMPLETION OF UPLOAD END

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FIGURE 5

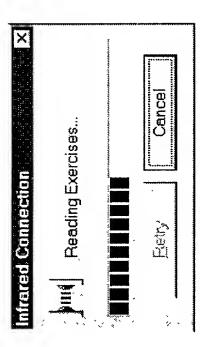


Applicants: Birnbaum, et al. Title: Method and Apparatus for Processing Heart Rate Information in a Portable Computer Device Our Docket: 1120-8 BATCH TRANFER Page 8 of 10 CompUTER INTITATES INFRARED COMMUNICATIONS WITH HEART RATE HOW MOR USING DLL COMPONER REQUESTS/ 84 OBTAINS AEART LATE MOIL ITOA INFORMATION Computer Requests/~86 OBTAMS FILE INFORMATION FROM HEART RATE MODITUR COMPUTER REQUESTS/ 88 OBTAINS HEART RATE MRAINING INFORMATION Poyputen STORES HEART LATE TRAINING IN FIRMATION IN DLE INTERNAZ STONAS which is Accessed By CLIENT PROBRAM FOL PROCESSING, ANACYSIS AND Syntheonization OF INFORM ATION TRANSFER TO PROGRAMS, ON COMPOTER AND/OR FIGURE 7 INTERNET

END

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POLTABLE COMPUTER DEVICE

INFRARED COMMUNICATION DLL);
DYNAMIC LINK LIBRARY (DLL);

CLIENT PROCRAM USES DAL AS IN-PROCESS SERVER TO COMMUNICATE THROUGH INFRANCES PORT WITH HEART RATE YOUTOR

-1) LL PERFORMS TWO FUNCTIONS 1. COMMUNICATION WITH HEART

FATE MONITOR
2. COMMUNICATION WITH CLEWI PROBLAM

- COMMUNICATION LINK STEPS:

2. OBTAIN HEART RATE HOWITER

3, OBTAIN FILE INFORMATION 4. OBTAIN HEART PATE INFORMATION

- DLL INTERMAL STORAGE CONTAINS
DOLUMISADED INFORMATION FOR
PROCESSIAN BY CLENT TROUMAN

CLIENT PROLRAM:

-CALL. DLL FUNCTIONS TO TRANFER INFORMATION FROM HEART RATE HOWITAR TO DLL INTERPAT

STARAGE
CAL DL FUNCTIONS TO ROAD
UPLONDED INFORMATION FROM
DL INTERNAL STARAGE

- DISPLAY AMS ANALYZE INFORMATION IN DARJOUS WAYS II GRAPHICAL ANALYSIS

2. STATISTICAL ANAYSIS
9.TIME IN TARET ZONE
5.TIME ABOVE TAREET ZONE
C. TIME BELOW TALET ENE
4. AVENTEE HEART RATE

e, 102 ESTIMATE DITH
- DPTIONALLY SYNCHRONIZE DITH
COMPUTER FOR INFORMATION
THANSFERTO ADDITIONAL PROBLAWS
ON COMPUTER AND/OR INTERNET

FIGURE 9

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